

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	Score	Match	Length	EB	ID	Description
1	1	100	100	100	100	100	100

3	33	100.0	214	13	B1032678	R05-GN028
3	55	100.0	214	13	B1054475	R05-GN028
4	55	100.0	215	14	BQ367833	R05-GN028
5	55	100.0	234	10	BQ754562	R05-GN028

1	55	100.0	27.8	14	BH644123	K-EST0122
2	55	100.0	27.9	14	BH644123	K-EST0122
3	55	100.0	27.9	14	BH644123	K-EST0122
4	55	100.0	28.1	10	AM845219	CMO-11001
5	55	100.0	28.4	13	BI650928	MC GRG-39
6	55	100.0	29.7	12	BH646430	QVO-ET014
7	55	100.0	31.4	14	BH647026	K-EST0060
8	55	100.0	31.4	14	BH647026	K-EST0060
9	55	100.0	31.4	14	BH647026	K-EST0060
10	55	100.0	31.4	14	BH647026	K-EST0060
11	55	100.0	31.4	14	BH647026	K-EST0060
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14	55	100.0	31.4	14	BH647026	K-EST0060
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20	55	100.0	31.4	14	BH647026	K-EST0060
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37	55	100.0	31.4	14	BH647026	K-EST0060
38	55	100.0	31.4	14	BH647026	K-EST0060
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40	55	100.0	31.4	14	BH647026	K-EST0060
41	55	100.0	31.4	14	BH647026	K-EST0060
42	55	100.0	31.4	14	BH647026	K-EST0060
43	55	100.0	31.4	14	BH647026	K-EST0060
44	55	100.0	31.4	14	BH647026	K-EST0060
45	55	100.0	31.4	14	BH647026	K-EST0060
46	55	100.0	31.4	14	BH647026	K-EST0060
47	55	100.0	31.4	14	BH647026	K-EST0060
48	55	100.0	31.4	14	BH647026	K-EST0060
49	55	100.0	31.4	14	BH647026	K-EST0060
50	55	100.0	31.4	14	BH647026	K-EST0060
51	55	100.0	31.4	14	BH647026	K-EST0060
52	55	100.0	31.4	14	BH647026	K-EST0060
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18	BQ323837	14	358	5012
19	BQ323837	14	358	5012
20	BQ323837	14	358	5012
21	BQ323837	14	358	5012
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	15	55	100.0	404	BM744771	BM/44771	K-EST0018

16	33	100.0	415	14	E2	999662	MR4 - R1004
17	55	100.0	447	10	AW997331	K02-BN004	
18	55	100.0	454	13	R1050019	CM2-CN029	

19	55	100.0	460	14	BM846053	HM846053 K-FS10124
20	55	100.0	469	9	A1834242	A1834242 RC0-HT007

	21	481	R1056715	P95-GN028
	22	482	BC367835	P95-GN038

23	55	100.0	484	10	AW845215	AW845215 (MO-1)T001
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26	55	100	0	484	14	BMB34208	K-EST10109
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28	55	100	0	496	14	BMB52333	K-EST00063
29	55	100	0	507	14	BMB20606	K-EST00089
30	55	100	0	549	14	A1052422	K-EST1108
31	55	100	0	549	14	BMB6554	K-EST0065
32	55	100	0	553	14	BMB62912	K-EST00342
33	55	100	0	559	13	BT056211	K-EST0044
34	55	100	0	564	13	BMB265504	P055-IN038
35	55	100	0	564	13	BMB265504	P055-IN038

35	55	100.0	572	14	BM744665
					K-EST0018
36	55	100.0	574	10	BM744665
					401174209

RESULT 1	LOCUS	DEFINITION	ACCESSION	VERSION	KEYWORDS	SOURCE	ORGANISM	REFERENCE	AUTHORS
37	55	100.0	583	14	BM783500	RC217947.0	BM783500	K-EST0061	RC217947.0
38	55	100.0	590	14	BM783604	RC217947.0	BM783604	K-EST0061	RC217947.0
39	55	100.0	592	14	BM740878	RC217947.0	BM740878	K-EST0013	RC217947.0
40	55	100.0	593	14	BM838153	RC217947.0	BM838153	K-EST0114	RC217947.0
41	55	100.0	608	13	B1260897	RC217947.0	B1260897	K-EST07932	RC217947.0
42	55	100.0	615	14	BM785140	RC217947.0	BM785140	K-EST0063	RC217947.0
43	55	100.0	621	12	RP337052	RC217947.0	RP337052	K-EST0629	RC217947.0
44	55	100.0	632	14	BM767345	RC217947.0	BM767345	K-EST0049	RC217947.0
45	55	100.0	633	10	AW993854	RC217947.0	AW993854	RC3-BN003	RC217947.0

ALGEBRA

RESULT 1	AW862068	192 bp	mRNA	linear	EST 19-MAY-2000
LOCUS	AW862068				
DEFINITION	EC:ATG347-210400-11-011-047 Homo sapiens cDNA, mRNA sequence.				
ACCESSION	AW862068				
VERSION	AW862068.1				GI:7957761
KEYWORDS	EST,				
SOURCE	human,				

ORGANISM	REFERENCE	AUTHORS
Homo sapiens		
Eukaryota:		
Chordata: Vertebrata: Euteleostomi:		
Mammalia: Eutheria: Primates: Catarrhini: Hominoidea: Homo.		
i (bases 1 to 192)		
Ela N-t-E-E, Garcia Corrao, F., Varjowski-Almeida, S., Pirones, M. R.,		
Nagai, M. A., da Silva, W. G., Zago, M. A., Bordin, S., Costa, F. F.,		
Goldman, G. H., Carvalho, A. F., Matsumura, A., Bata, G. S., Simpson, D. H.,		

Brustein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J., and Simpson, A.J.

Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)

20202663

COMMENT

Contact: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP, Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br

This sequence was derived from the FAFESP/LICR Human Cancer Genome Project. This entry can be seen in the following URL
(<http://www.ludwig.org.br/scripts/gethtml2.pl?l=872-RC3-CG0347>)
400 016-010474-2000-04 21874-1)
Seq primer: puc 18 forward
High quality sequence stop: 192.

FEATURES

source

1..192

Location/Qualifiers

organism="Homo sapiens"

db_xref="taxon:9606"

clone_lib="CG0347"

dev_stage="Adult"

note="organ: colon, Vector: puc18, Site 1: Smal; Site 2: Smal; A mini-library was made by cloning products derived from ORFESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the puc 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."

BASE COUNT

65 a 34 c 71 g 22 t

ORIGIN

Alignment Scores:

Prod. No.: 0.0846 Length: 192

Score: 55.00 Matches: 11

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-09-856-070-23 (1-11) x AW862068 (1-192)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

|||||

DB 106 GAGTTCATGCTGGCGCTGACGACTATGAGGAG 138

RESULT 2

BI052878

LOCUS

BI052878 Homo sapiens 214 bp mRNA linear EST 15-JUN-2001

DEFINITION

BC5-060281 (10291-012-H0) ON0281 Homo sapiens cDNA, mRNA sequence.

ACCESSION

BI052878

VERSION

BI052878.1 GI:14460408

KEYWORDS

EST.

SOURCE

human.

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE

1 (bases 1 to 214)

DIAS NETO, E., Garcia Correa, P., Verjovski-Almeida, S., Briones, M.R., Nagai, M.A., da Silva, W. Jr., Zaqq, M.A., Bordin, S., Costa, F.F., Goldman, G.H., Carvalho, A.F., Matsukuma, A., Bata, G.S., Simpson, D.H., Brustein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J., and Simpson, A.J.

Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)

20202663

MEDLINE

COMMENT

CONTACT: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP, Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br

This sequence was derived from the FAFESP/LICR Human Cancer Genome Project. This entry can be seen in the following URL
(<http://www.ludwig.org.br/scripts/gethtml2.pl?l=872-RC3-CG0281>)
230101-021-032674-2001-01-21874-1)
Seq primer: puc 18 forward
High quality sequence stop: 214.

FEATURES

source

1..214

Location/Qualifiers

organism="Homo sapiens"

db_xref="taxon:9606"

clone_lib="CG0281"

dev_stage="Adult"

note="organ: placenta normal; Vector: puc18; Site 1: Smal; Site 2: Smal; A mini-library was made by cloning products derived from ORFESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the puc 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."

BASE COUNT

67 a 36 c 88 g 23 t

ORIGIN

Alignment Scores:

Prod. No.: 0.0989 Length: 214

Score: 55.00 Matches: 11

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 13 Gaps: 0

US-09-856-070-23 (1-11) x BI052878 (1-214)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

|||||

DB 59 GAGTTCATGCTGGCGCTGACGACTATGAGGAG 91

RESULT 3

BI054475

LOCUS

BI054475 Homo sapiens 214 bp mRNA linear EST 15-JUN-2001

DEFINITION

BC5-060281 (10291-012-H0) ON0281 Homo sapiens cDNA, mRNA sequence.

ACCESSION

BI054475

VERSION

BI054475.1 GI:14462005

KEYWORDS

EST.

SOURCE

human.

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE

1 (bases 1 to 214)

DIAS NETO, E., Garcia Correa, P., Verjovski-Almeida, S., Briones, M.R., Nagai, M.A., da Silva, W. Jr., Zaqq, M.A., Bordin, S., Costa, F.F., Goldman, G.H., Carvalho, A.F., Matsukuma, A., Bata, G.S., Simpson, D.H., Brustein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J., and Simpson, A.J.

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20202663

MEDLINE

COMMENT

Contact: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP, Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001


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BASE COUNT
ORIGIN
Alignment Scores:
Pred. No.: 81 a 48 c 96 q 19 t
Score: 0.112 Length: 234
Percent Similarity: 55.00 Matches: 11
Best Local Similarity: 100.00% Conservative: 0
Query Match: 100.00% Mismatches: 0
DB: 12 Indels: 0
Gaps: 0

US-09-856-070 23 (1-11) x BG754562 (1-234)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
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DB 106 GAGTTCATGTCGGCGCCGACAGCACTATGACGAG 138

RESULT 6
BM844124 275 bp mRNA linear EST 06-MAR-2002
K-EST0122163 S13KMS5 Homo sapiens cDNA clone S13KMS5-38-G03 5',
mRNA sequence.
BM844124
BM844124.1 GI:19200533
EST.
SOURCE
human.
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo;
Hominidae; Homininae; Homo sapiens.
REFERENCE
1 (bases 1 to 275)
AUTHORS
Kim,N.S., Hahn,Y., Oh,J.H., Lee,J.Y., Ahn,H.Y., Chu,M.Y., Kim,M.R.,
Oh,K.J., Cheong,J.E., Sohn,H.Y., Kim,J.M., Park,H.S., Kim,S. and
Kim,Y.S.
21C Frontier Korean EST Project 2001
Unpublished (2002)
CONTACT: Kim YS
Genome Research Center
Korea Research Institute of Bioscience & Biotechnology
52 Pochon Dong Yusong gu, Taejeon 305 333, South Korea
Tel: +82-42-860-4470
Fax: +82-42-860-4409
Email: yongsuq@mail.kribb.re.kr
Plate: 48 row: G column: 03
High quality sequence stop: 275.
Location/Qualifiers
1..275
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="S13KMS5-38-G03"
/tissue_type="myeloma"
/cell_line="KMS-5"
/lab_host="Top10F"
/notes="Vector: pGNS, Site_1: NotI; The poly
(A)+ RNA was dephosphorylated with bacterial alkaline
phosphatase (BAP) and then deapped with tobacco acid
pyrophosphatase (TAP) The deapped intact mRNA was
ligated with DNA-RNA linker including EcoRI site by
treatment of 14 RNA ligase and the first strand cDNA was
synthesized from oligo dt-selected mRNA by priming with
dt-tailed vector. The dt-tailed vector was adjusted to
have about 50nt. The cDNA vector was circularized with E.
coli DNA ligase after digestion of EcoRI which site is
also included in vector. An RNA strand converted to a DNA
strand by Okayama Berg method. The obtained cDNA vectors
were used for transformation of competent cells E. coli
Top10F by electroporation method. The cDNA libraries
constructed by this method are full-length enriched cDNA
library."
BASE COUNT 81 a 48 c 117 q 29 t
ORIGIN
Alignment Scores:

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Pred. No.: 0.142 Length: 275
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0

US-09-856-070 23 (1-11) x BM844124 (1-275)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
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DB 51 GAGTTCATGTCGGCGCCGACAGCACTATGACGAG 83

RESULT 7
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QV4-C10151-031100-513-f05 C10151 Homo sapiens cDNA, mRNA sequence.
BM804323
BM804323.1 GI:12133312
EST.
SOURCE
human.
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo;
Hominidae; Homininae; Homo sapiens.
REFERENCE
1 (bases 1 to 279)
AUTHORS
Nagai,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,F.P.,
Goldman,G.H., Carvalho,A.F., Matsukuma,A., Hata,G.S., Simpson,D.H.,
Brunstein,A., deoliveira,P.S., Bucher,P., Jondhekel,C.V., O'Hare
,M.J., Soares,F., Brentani,R.R., Reis,L.F., de Souza,S.J. and
Simpson,A.
Sholiquan sequencing of the human transcriptome with ORF expressed
sequence tags
Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)
20262663
CONTACT: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP,
Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br
This sequence was derived from the FAPESP/LICR Human Cancer Genome
project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/gethtml?2.pl?1-QV4&2-QV4-C10151-
031100-513-f05&t3=2000-11-03&t4=1)
Seq primer: puc 18 forward
High quality sequence stop: 279.
Location/Qualifiers
1..279
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="C10151"
/vector="puc18"
/notes="Organ: colon_tms; Vector: puc18; Site_1: SmaI;
Site_2: SmaI; A mini-library was made by cloning products
derived from ORFESTES PCR (U.S. Letters Patent application
No. 196,716 - Ludwig Institute for Cancer Research)
profiles into the puc 18 vector. Reverse transcription of
tissue mRNA and cDNA amplification were performed under
low stringency conditions."
BASE COUNT 88 a 53 c 111 g 27 t
ORIGIN
Alignment Scores:
Pred. No.: 0.145 Length: 279
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 12 Gaps: 0

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US-09-856-070-23 (1-11) x BF804333 (1-279)

Qy 1 GlutMetLeuArgLeuGlnAspTyrGluGlu 11
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 Db 124 GAGTTGATGCTGGCGCTGCTAGGACATGAGGAG 156

RESULT 8

AW845219
 LOCUS
 DEFINITION CM0-CT0012 290699 017 a05 CT0012 Homo sapiens cDNA, mRNA sequence.
 ACCESSION AW845219
 VERSION AW845219.1 GI:7940736
 KEYWORDS EST.
 SOURCE human.

ORGANISM

Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS
 1 (bases 1 to 281)
 Dias Neto, E., Garcia Correa, R., Verjovski-Almeida, S., Briones, M. R.,
 Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, S., Costa, F. P.,
 Goldman, G. H., Carvalho, A. F., Matsukuma, A., Haid, G. S., Simpson, D. H.,
 Brunstein, A., de Oliveira, P. S., Bucher, P., Jungueiro, C. V., O'Hare
 M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J., and
 Simpson, A. J.

TITLE

Shotgun sequencing of the human transcriptome with ORF expressed
 sequence tags
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)
 MEDLINE 20202663
 COMMENT Contact: Simpson A.J.G.

ORGANISM

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 Fax: +55-11-2707001
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This sequence was derived from the FAPESP/LICR Human Cancer Genome
 Project. This entry can be seen in the following URL
 (http://www.ludwig.org.br/scripts/gethtml2.pl?r1=ct2-CM0-CT0012-290
 699-017-a05&r1=1949-06-29&t4=1)

Seq primer: puc 18 forward
 High quality sequence start: 10
 High quality sequence stop: 280.

FEATURES
 Location/Qualifiers
 1..281

source
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="CT0012"
 /dev_stage="Adult"
 /note="Organ: colon; Vector: puc18; Site_1: SmaI; Site_2:
 SmaI; A mini-library was made by cloning products derived
 from ORFESTS PCR (U.S. Letters Patent application No. 196
 ,716 - Ludwig Institute for Cancer Research) profiles
 into the pUC 18 vector. Reverse transcription of tissue
 mRNA and cDNA amplification were performed under low
 stringency conditions."

BASE COUNT 94 a 52 c 105 g 30 t
 ORIGIN

Alignment Scores:
 Pred. No.: 0.146 Length: 281
 Score: 55.00 Matches: 11
 Percent Similarity: 100.00% Conservative: 0
 Best local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 10 Gaps: 0

US-09-856-070-23 (1-11) x AW845219 (1-281)

Qy 1 GlutMetLeuArgLeuGlnAspTyrGluGlu 11
 |||
 Db 179 GAGTTGATGCTGGCGCTGCTAGGACATGAGGAG 211

RESULT 9

BI050028/c
 LOCUS
 DEFINITION CM2-CN0294-020101-ct6-c08 CN0294 Homo sapiens cDNA, mRNA sequence.
 ACCESSION BI050028
 VERSION BI050028.1 GI:14457558
 KEYWORDS EST.
 SOURCE human.

ORGANISM

Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS
 1 (bases 1 to 294)
 Dias Neto, E., Garcia Correa, R., Verjovski-Almeida, S., Briones, M. R.,
 Nagai, M. A., da Silva, W. Jr., Zago, M. A., Bordin, S., Costa, F. P.,
 Goldman, G. H., Carvalho, A. F., Matsukuma, A., Haid, G. S., Simpson, D. H.,
 Brunstein, A., de Oliveira, P. S., Bucher, P., Jungueiro, C. V., O'Hare
 M. J., Soares, F., Brentani, R. R., Reis, L. F., de Souza, S. J., and
 Simpson, A. J.

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 MEDLINE 20202663
 COMMENT Contact: Simpson A.J.G.

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This sequence was derived from the FAPESP/LICR Human Cancer Genome
 Project. This entry can be seen in the following URL
 (http://www.ludwig.org.br/scripts/gethtml2.pl?r1=cm2-CN0294-020101-
 676-c08&t3=2001-01-02&t4=1)

Seq primer: puc 18 forward
 High quality sequence start: 17
 High quality sequence stop: 294.

FEATURES
 Location/Qualifiers
 1..294

source
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="CN0294"
 /dev_stage="Adult"
 /note="Organ: placenta; Vector: puc18; Site_1: SmaI
 ; Site_2: SmaI; A mini-library was made by cloning
 products derived from ORFESTS PCR (U.S. Letters Patent
 application No. 196,716 - Ludwig Institute for Cancer
 Research) profiles into the pUC 18 vector. Reverse
 transcription of tissue mRNA and cDNA amplification were
 performed under low stringency conditions."

BASE COUNT 34 a 114 c 56 g 90 t
 ORIGIN

Alignment Scores:
 Pred. No.: 0.156 Length: 294
 Score: 55.00 Matches: 11
 Percent Similarity: 100.00% Conservative: 0
 Best local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 13 Gaps: 0

US-09-856-070-24 (1-11) x BI050028 (1-294)

Qy 1 GlutMetLeuArgLeuGlnAspTyrGluGlu 11
 |||
 Db 210 GAGTTGATGCTGGCGCTGCTAGGACTATGAGGAG 178

RESULT 10

BF869430
 LOCUS
 DEFINITION QV0-ET0148-231000-456-d07 ET0148 Homo sapiens cDNA, mRNA sequence.
 ACCESSION BF869430
 VERSION BF869430.1 GI:12259560

US-09-856-070-24 (1-11) x BI050028 (1-294)

Qy 1 GlutMetLeuArgLeuGlnAspTyrGluGlu 11
 |||
 Db 210 GAGTTGATGCTGGCGCTGCTAGGACTATGAGGAG 178

RESULT 10
 BF869430
 LOCUS
 DEFINITION QV0-ET0148-231000-456-d07 ET0148 Homo sapiens cDNA, mRNA sequence.
 ACCESSION BF869430
 VERSION BF869430.1 GI:12259560

KEYWORDS EST.
SOURCE human.
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 297)
AUTHORS Nagaoka, M., da Silva, W. Jr., Zago, M. A., Bordin, S., Costa, F. P., Goldman, G. H., Carvalho, A. F., Matsukuma, A., Bata, G. S., Simpson, D. H., Brunstein, A., de Oliveira, P. S., Bucher, P., Jondeneal, C. V., O'Hare, M. J., Soares, F., Brentani, P. P., Reis, L. F., de Souza, S. T. and Simpson, A. J.

TITLE Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)

MEDLINE 20020663

COMMENT Laboratory of Cancer Genetics
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This sequence was derived from the FAPESP/LICR Human Cancer Genome project, this entry can be seen in the following URL:
(http://www.ludwig.org.br/scrp/s/qel.html2.pl?i=qv0&i2=qv0-ET014P-231000456-d07&i3=2000-10-23&i4=1)
Seq primer: puc 18 forward
High quality sequence stop: 297.

FEATURES
source
location/Qualifiers
1..297
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="ET0148"
/dev_stage="Adult"
/note="Organ: Lung_tumor; Vector: puc18; Site: 1; Sma1, Site 2; Sma1; A mini library was made by cloning products derived from OPSTES PCR (18 letters patent application No. 196.716 - Ludwig Institute for Cancer Research) profiles into the puc 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."
BASE COUNT 90 a 56 c 119 g 31 t 1 others
ORIGIN
Alignment Scores:
Pred. No.: 0.158 Length: 297
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DH: 12 Gaps: 0

US 09 856-070-23 (1-11) x H9869430 (1-297)

OY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
|||||
Db 124 GAGTTGATGCTGGGCTGCAAGGACTAGAGGAG 156
|||||

RESULT 11
LOCUS HMB27086 312 bp mRNA linear EST 06-MAR-2002
DEFINITION HMB27086 Homo sapiens cDNA clone S9SN0601-44-609 5', mRNA sequence.
ACCESSION HMB27086
VERSION HMB27086.1 GI:19183495
KEYWORDS EST.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
1 (bases 1 to 312)

AUTHORS Kim, N.S., Hahn, Y., Oh, J.H., Lee, J.Y., Ahn, H.Y., Chu, M.Y., Kim, M.R., Oh, K.J., Cheong, J.E., Sohn, H.Y., Kim, J.M., Park, H.S., Kim, S. and Kim, Y.S.

TITLE 21C Frontier Korean EST Project 2001
COMMENT Unpublished (2002)
Contact: Kim YS
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Korea Research Institute of Bioscience & Biotechnology
52 Eoeun-dong Yuseong-gu, Daejeon 305-385, South Korea
Tel: +82-42-860-4470
Fax: +82-42-860-4470
Email: yongsung@mail.kribb.re.kr
plate: 44 row: G column: 09
High quality sequence stop: 312.

FEATURES
source
location/Qualifiers
1..312
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="S9SN0601-44-609"
/sex="M"
/tissue_type="Ascites"
/cell_type="Epithelial"
/cell_line="SNO-601"
/lab_host="Top10"
/note="Organ: Stomach; Vector: pME18-Fl3; Site: 1; Xho1; Site 2; Xho1; The poly (A)- RNA was dephosphorylated with bacterial alkaline phosphatase (BAP) and then dephosphated with tobacco acid pyrophosphatase (TAP). The dephosphated intact mRNA was ligated with DNA-RNA linker including Sfi1 site by treatment of T4 RNA ligase and the first strand cDNA was synthesized with Superscript II using Sfi1 oligo-dT primer. After first strand synthesis, RNA was degraded by NaOH treatment and cDNA was amplified by PCR reaction. The PCR products were digested with Sfi1 and cloned into pTop10 digested pME18-Fl3 vector. The obtained cDNA vectors were used for transformation of competent cells E. coli Top10F' by electroporation method. The cDNA libraries constructed by this method are full-length enriched cDNA library."
BASE COUNT 108 a 60 c 110 g 34 t
ORIGIN
Alignment Scores:
Pred. No.: 0.17 Length: 312
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DH: 14 Gaps: 0

US-09-856-070-23 (1-11) x BM827086 (1-312)

OY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
|||||
Db 218 GAGTTGATGCTGGGCTGCAAGGACTAGAGGAG 250
|||||

RESULT 12
LOCUS HQ323837 358 bp mRNA linear EST 17-MAY-2002
DEFINITION HQ323837 Homo sapiens cDNA, mRNA sequence.
ACCESSION HQ323837
VERSION HQ323837.1 GI:20935634
KEYWORDS EST.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
1 (bases 1 to 358)
Dias Neto, E., Garcia Correa, P., Verjovsky-Almeida, S., Briones, M.R., Nagai, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.P., Goldman, G.H., Carvalho, A.F., Matsukuma, A., Bata, G.S., Simpson, D.H., Brunstein, A., de Oliveira, P.S., Bucher, P., Jondeneal, C.V., O'Hare

M.J. Soares, F. Brentani, P.P. Reis, R. de Souza, S.J. and
Simpson, A.J.J.
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20202663
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Email: asimpson@ludwig.org.br

This sequence was derived from the FAPESP/LICK Human Cancer Genome
Project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl=CM0612-CM0-C10095-
301000-648-b05at3-2000-10-305t4-1)
Seq primer: puc 18 forward
High quality sequence stop: 2.
Location/Qualifiers
1 358
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="c10095"
/dev_stage="Adult"
/note="Organ. Colominas, Vector: puc 18. Site: 1. Small
products derived from ORFESTS PCP (U.S. Letters Patent
No. 196,716 - Ludwig Institute for Cancer Research)
profiles into the pUC 18 vector. Reverse transcription of
tissue mRNA and cDNA amplification were performed under
low stringency conditions."

FEATURES

source

BASE COUNT 112 a 74 c 130 g 42 t
ORIGIN

Alignment Scores:
Prod. No.: 0 207 Length: 358
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0

US-09-856-070-23 (1-11) x BQ323637 (1-358)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
|||||
Db 231 CAGTTCATGCGCGCGTCCACGACATACAGGAG 263

RESULT 13

BQ368118

LOCUS BQ368118 364 bp mRNA linear EST 21-MAY-2002
DEFINITION PM3-GN0516-010-010 GN0516 Homo sapiens cDNA, mRNA sequence.
ACCESSION BQ368118
VERSION BQ368118.1 GI:21043632
KEYWORDS EST.
SOURCE human.

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1

(bases 1 to 364)
Nadal, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.F.,
Goldman, G.H., Carvalho, A.F., Matsukuma, A., Baia, G.S., Simpson, D.H.,
Brunstein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare
M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J. and
Simpson, A.J.J.

TITLE

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Proc Natl Acad Sci U S A 97 (7), 3491-3496 (2000)

MEDLINE

20202663

COMMENT

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Email: asimpson@ludwig.org.br

This sequence was derived from the FAPESP/LICK Human Cancer Genome
Project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl=PM3-GN0516-
090501-010-010at3-2001-05-095t4-1)
Seq primer: puc 18 forward
High quality sequence stop: 11
High quality sequence stop: 348.
Location/Qualifiers
1 364
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="GN0516"
/dev_stage="Adult"

/note="Organ. Placenta normal. Vector: puc18. Site: 1. Small
products derived from ORFESTS PCP (U.S. Letters Patent
application No. 196,716 - Ludwig Institute for Cancer
Research) profiles into the pUC 18 vector. Reverse
transcription of tissue mRNA and cDNA amplification were
performed under low stringency conditions."

BASE COUNT 112 a 64 c 146 g 42 t
ORIGIN

Alignment Scores:
Prod. No.: 0 212 Length: 364
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0

US-09-856-070-23 (1-11) x BQ368118 (1-364)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
|||||
Db 125 CAGTTCATGCGCGTCCACGACATACAGGAG 157

RESULT 14

BQ318340/c

LOCUS

BQ318340

DEFINITION

MRI-C10529-140900 002 a12 C10529 Homo sapiens cDNA, mRNA sequence.

ACCESSION

BQ318340.1

VERSION

GI:20924109

KEYWORDS

EST.

SOURCE

human.

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 401)

Dias Neto, E., Garcia Correa, P., Verjovski-Almeida, S., Briones, M.P.,

Nadal, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.F.,

Goldman, G.H., Carvalho, A.F., Matsukuma, A., Baia, G.S., Simpson, D.H.,

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COMMENT

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